

Figure 1A

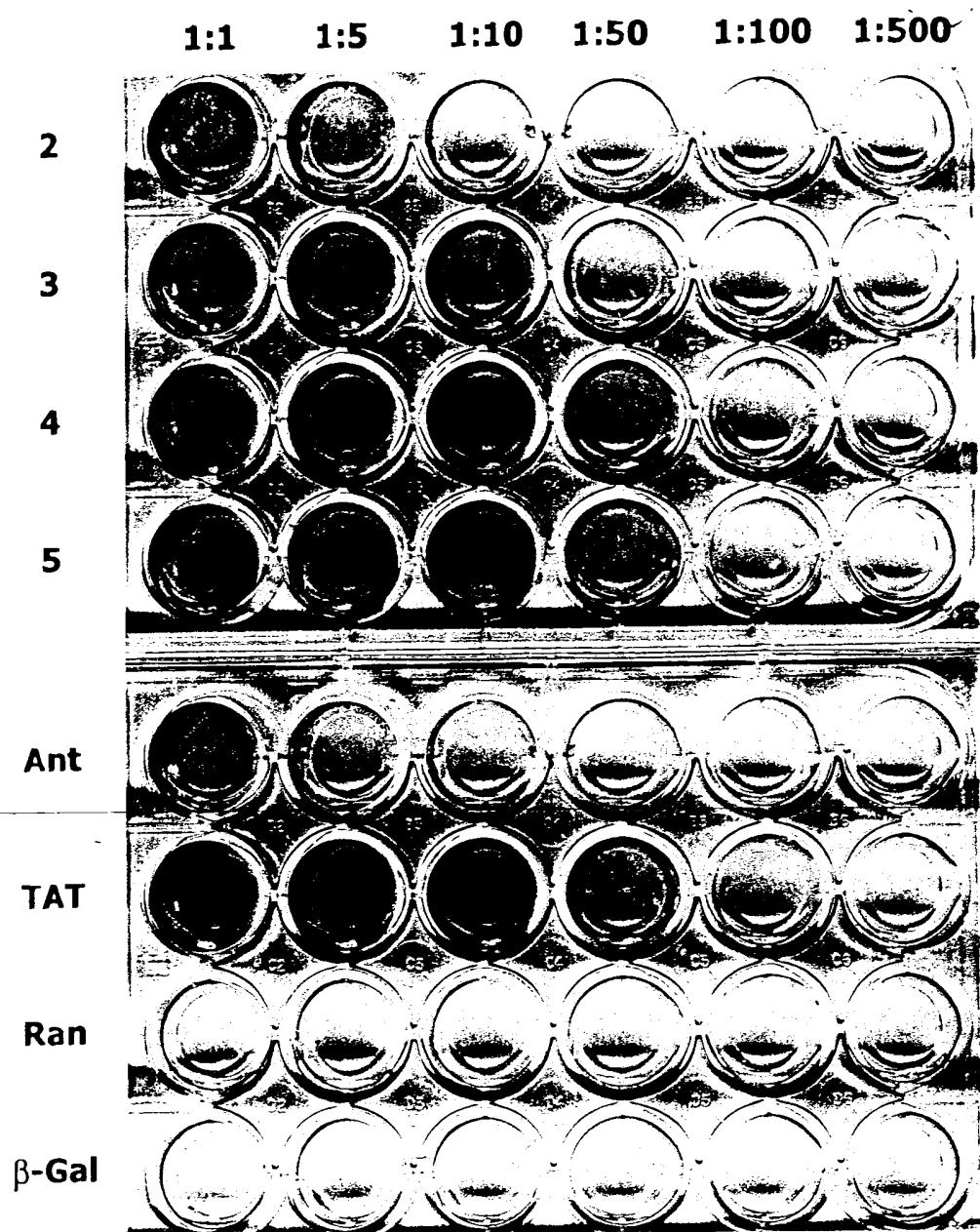
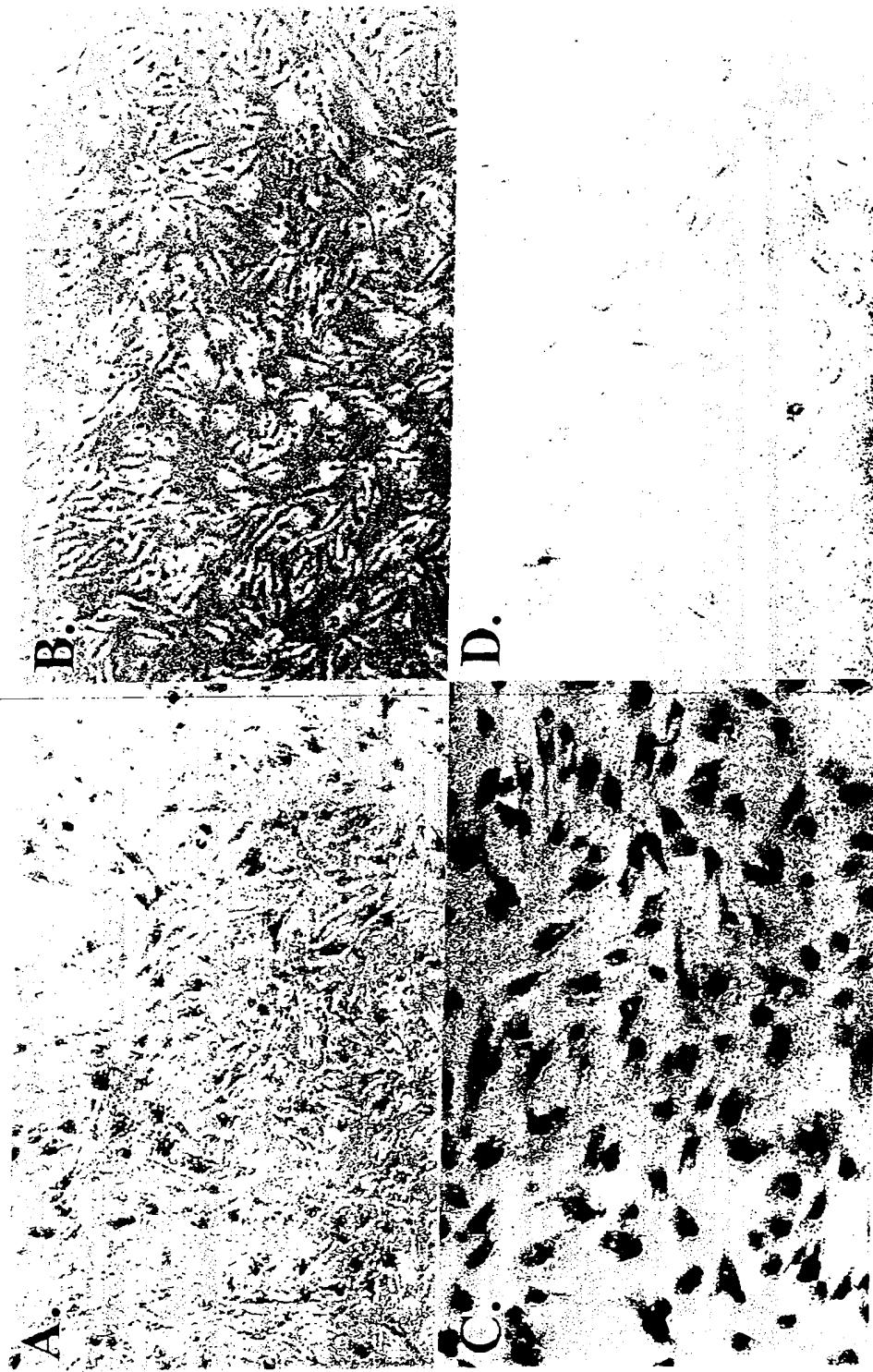


Figure 1B

**Figure 2**



**Figure 3**

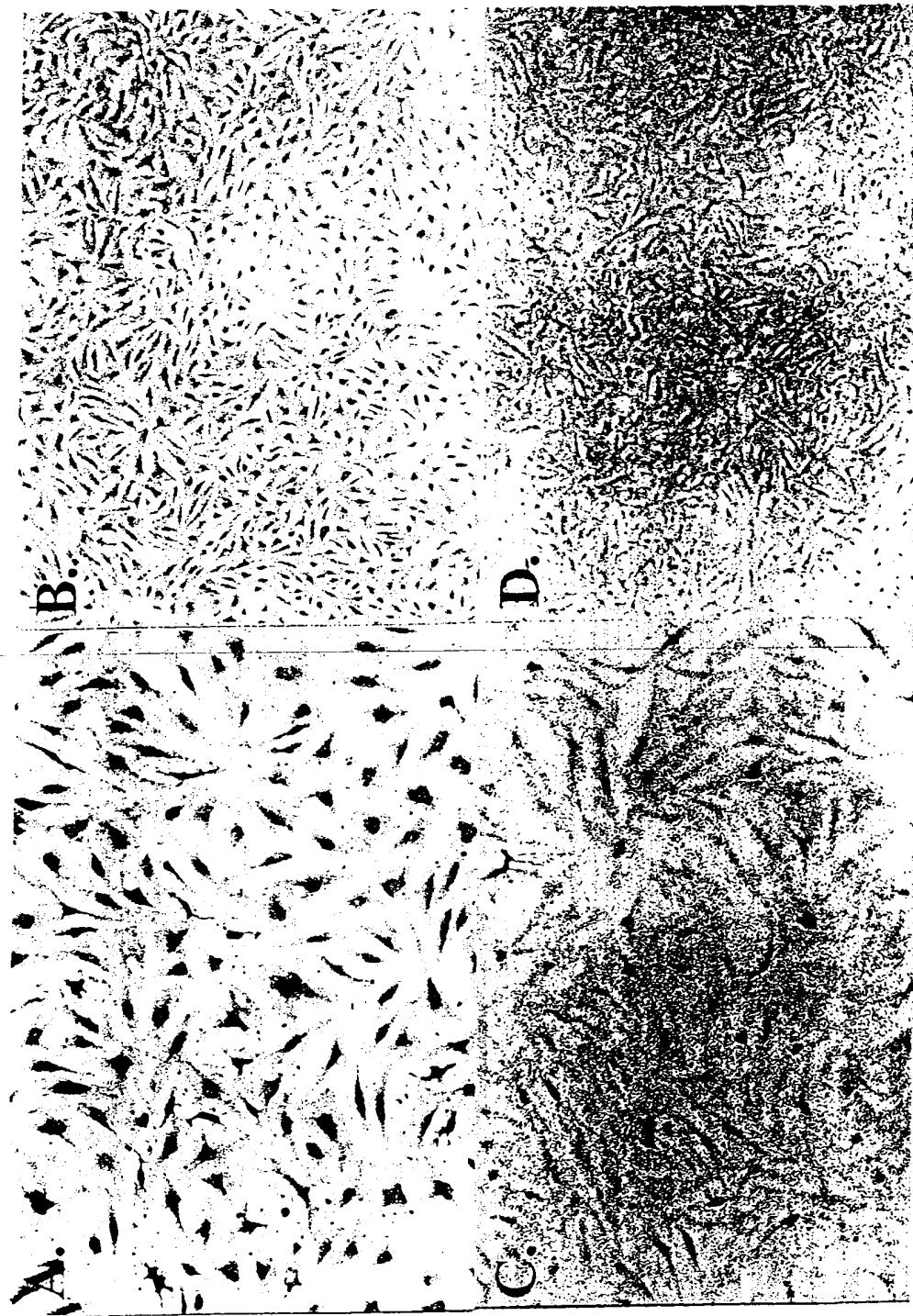
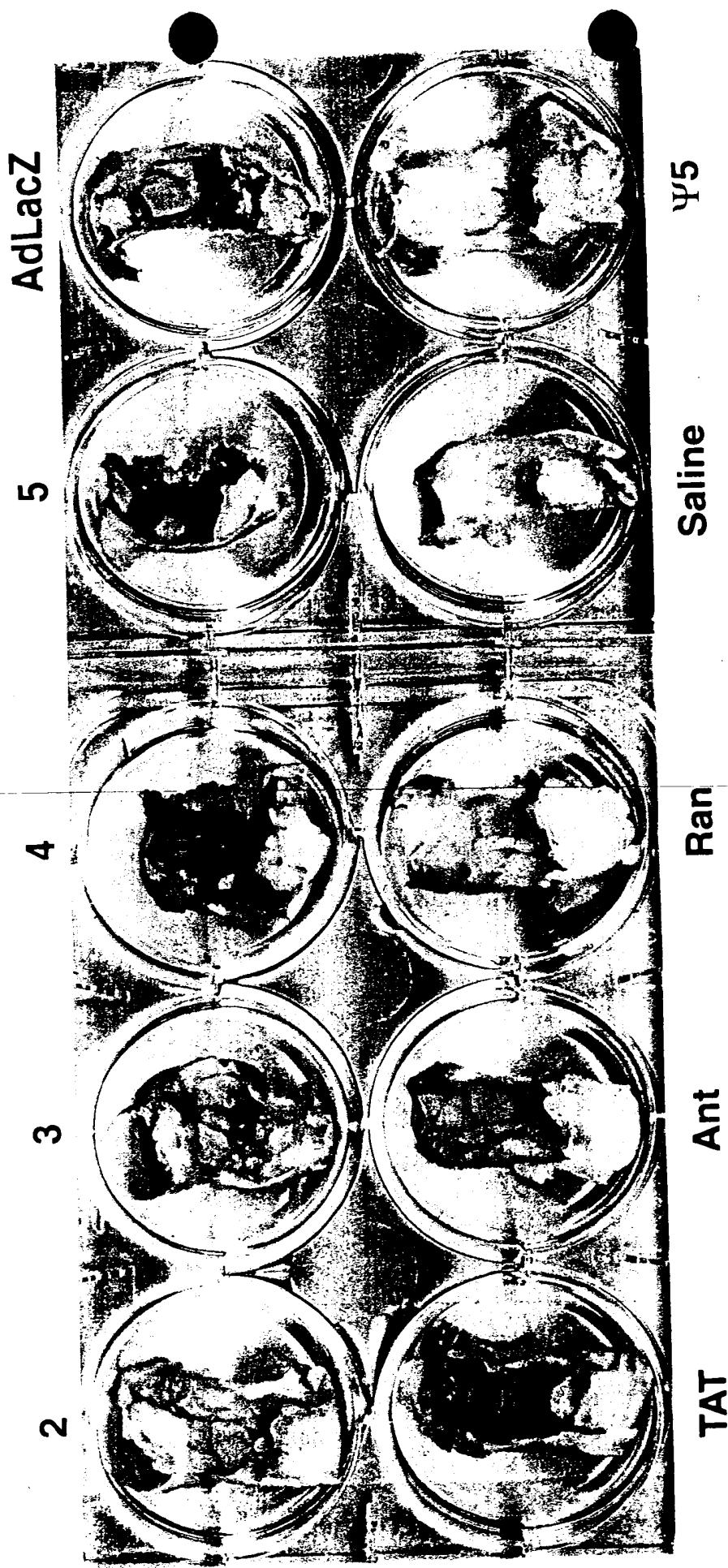
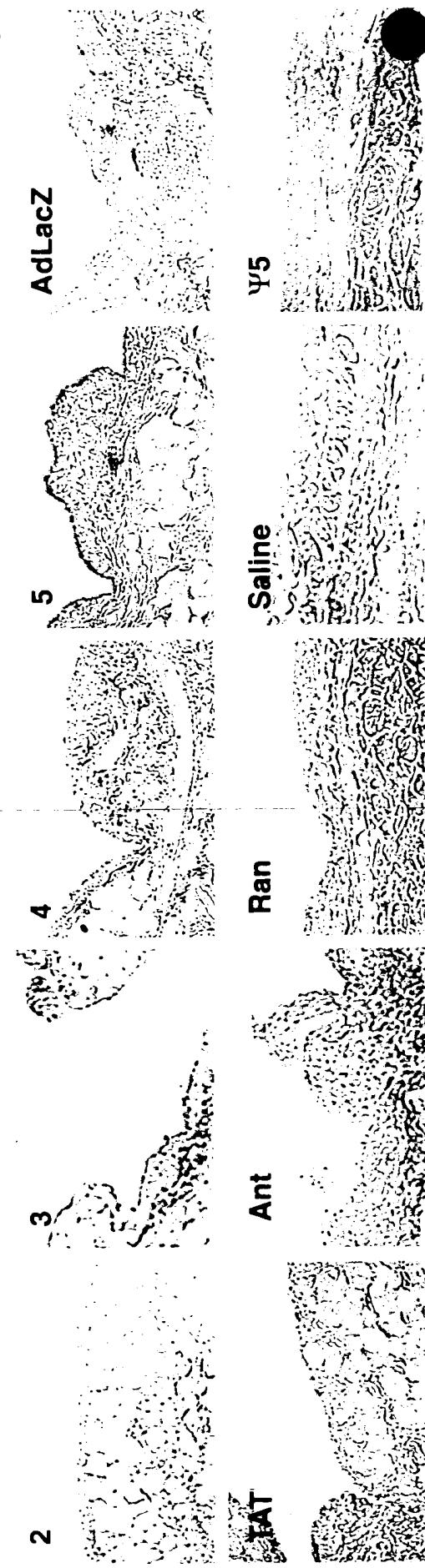


Figure 4A



**Figure 4B**



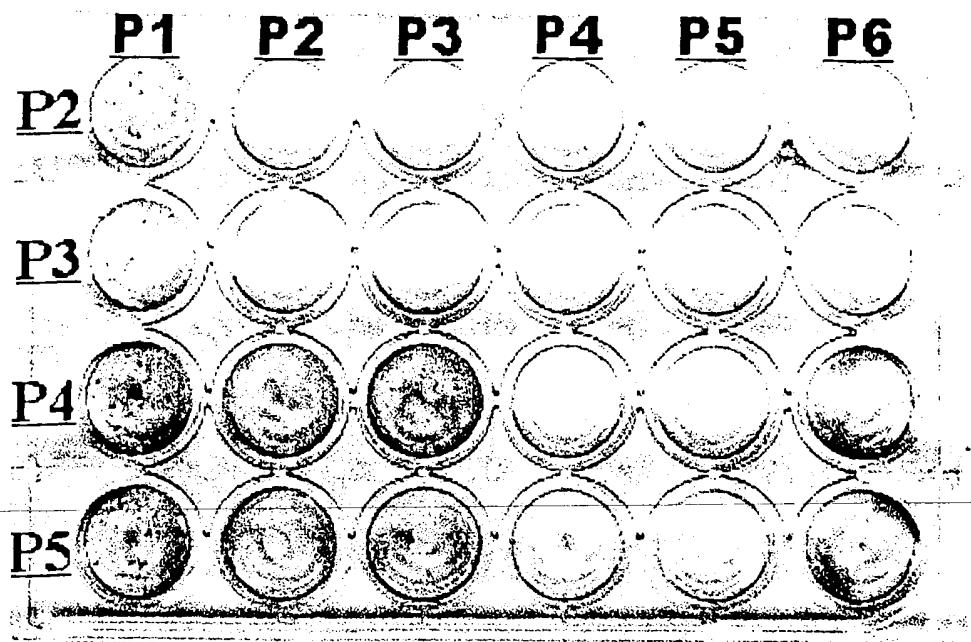
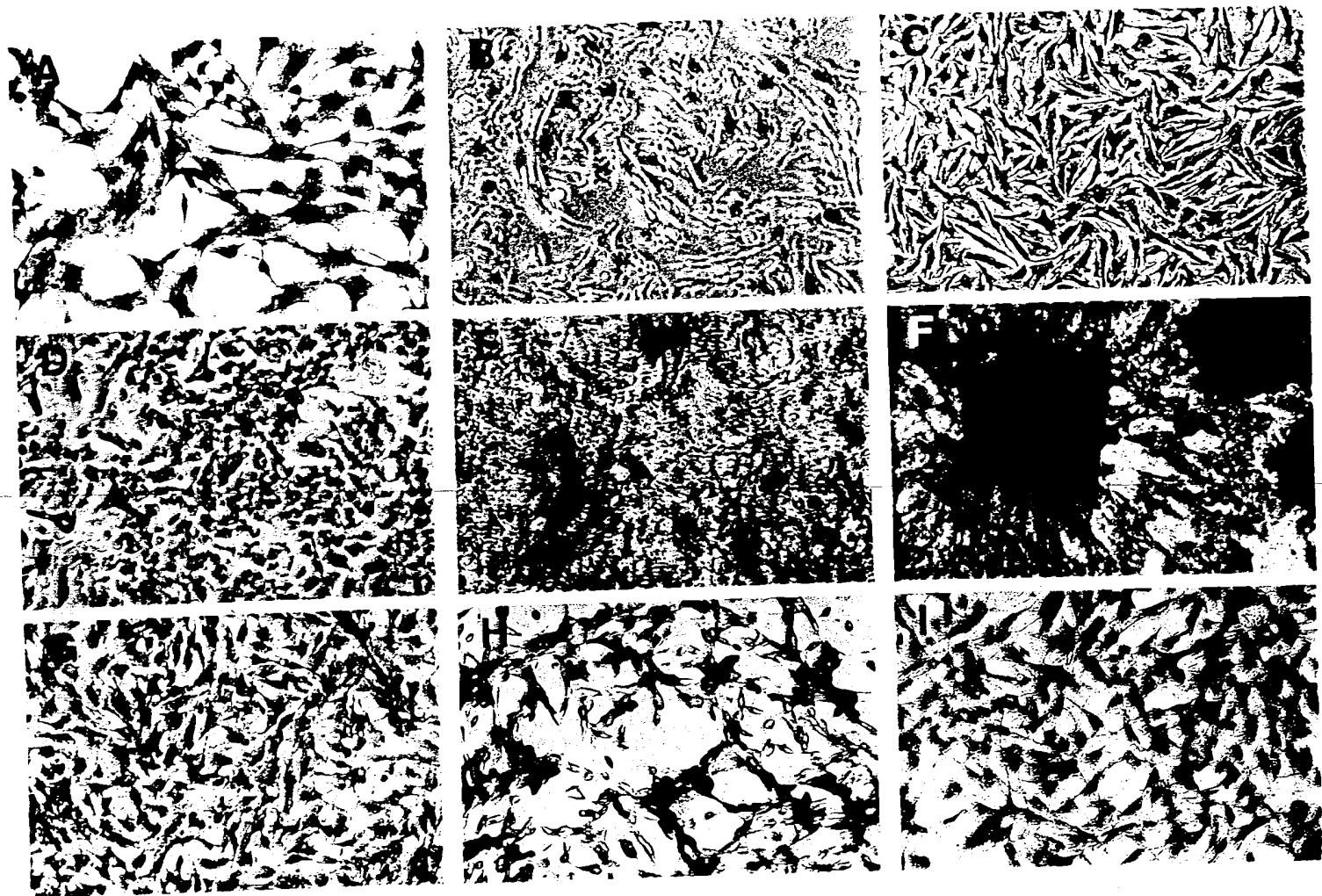
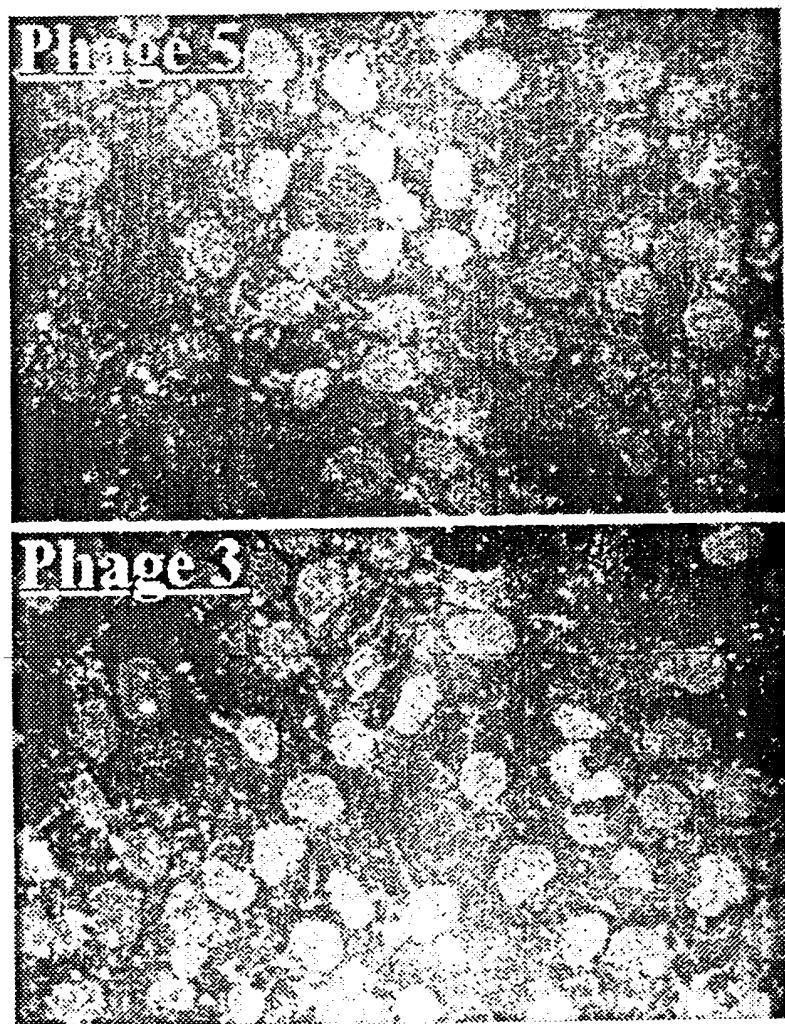


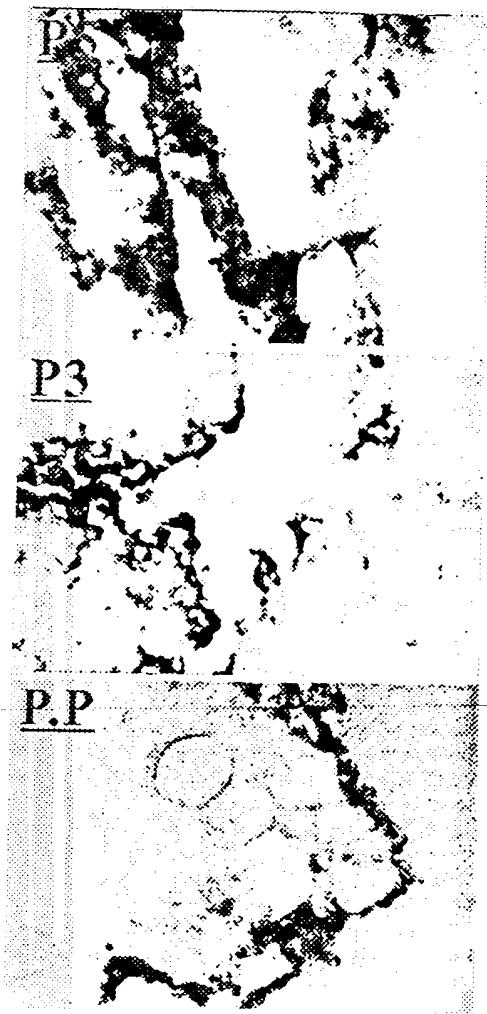
Figure 5



**Figure 6**



**Figure 7**



**Figure 8**

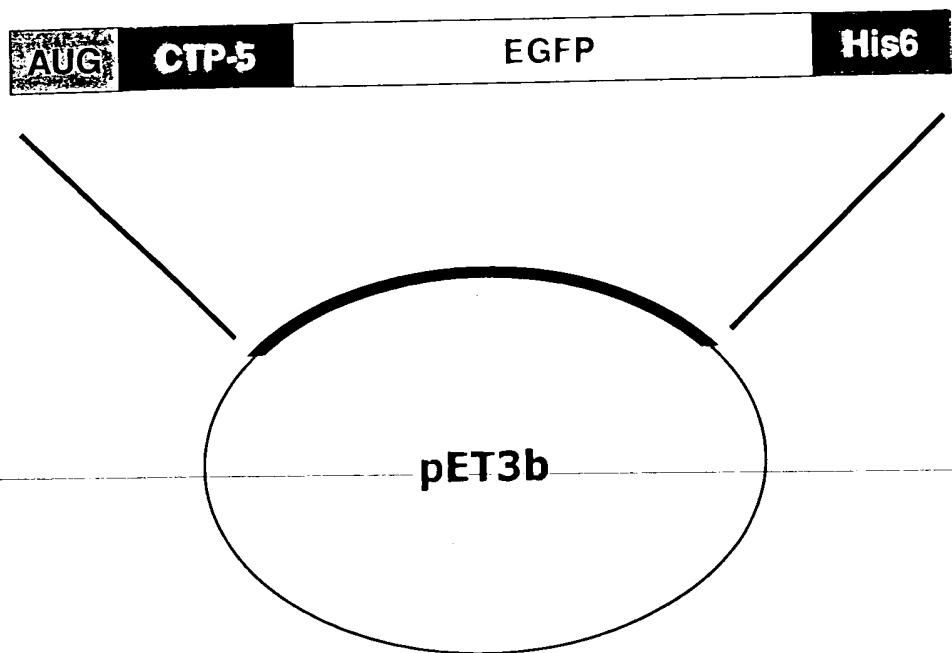
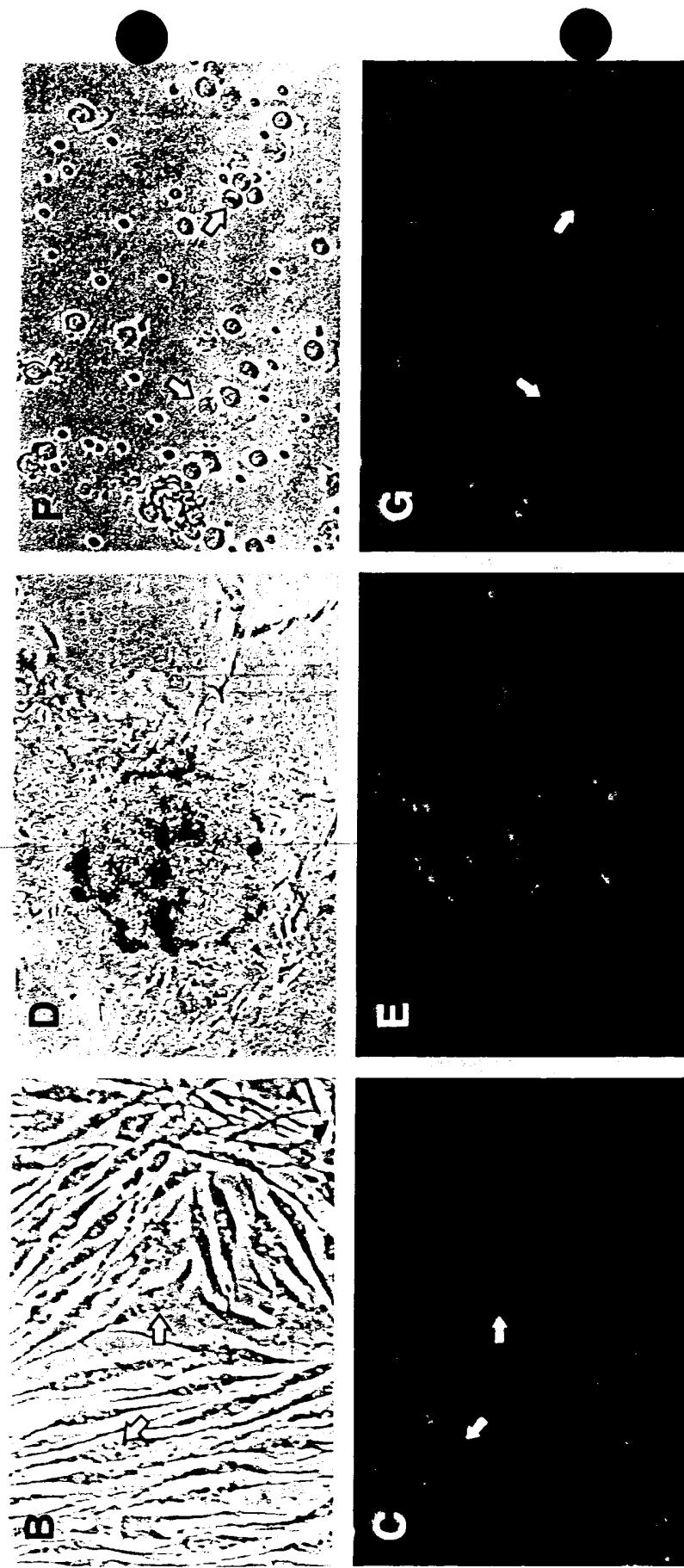
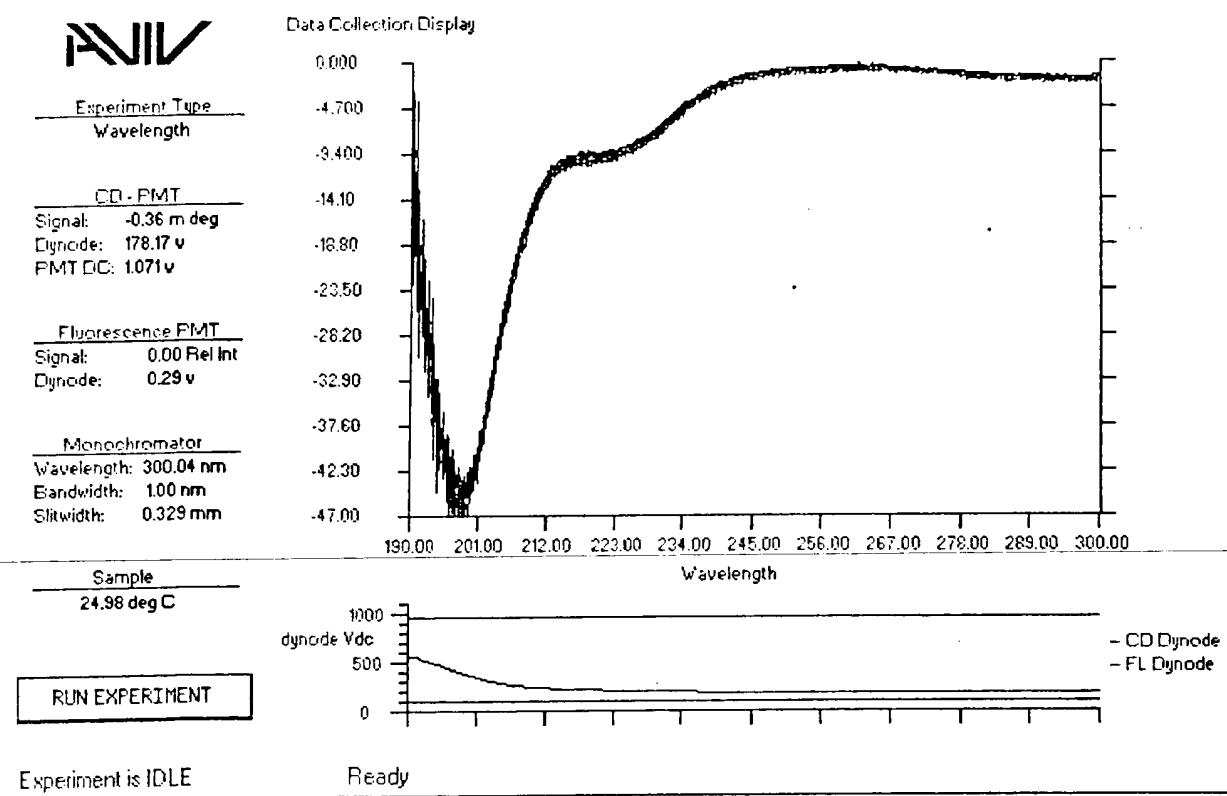


Figure 9A

Figure 9B-G





**Figure 10 A**

**ANIV**

Experiment Type

Wavelength

CD - PMT

Signal: -0.73 m deg  
Dynode: 178.54 v  
PMT DC: 1.071 v

Fluorescence PMT

Signal: -0.00 Rel Int  
Dynode: 0.27 v

Monochromator

Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.331 mm

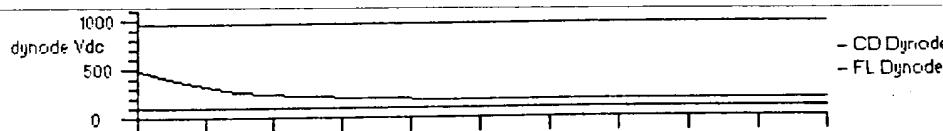
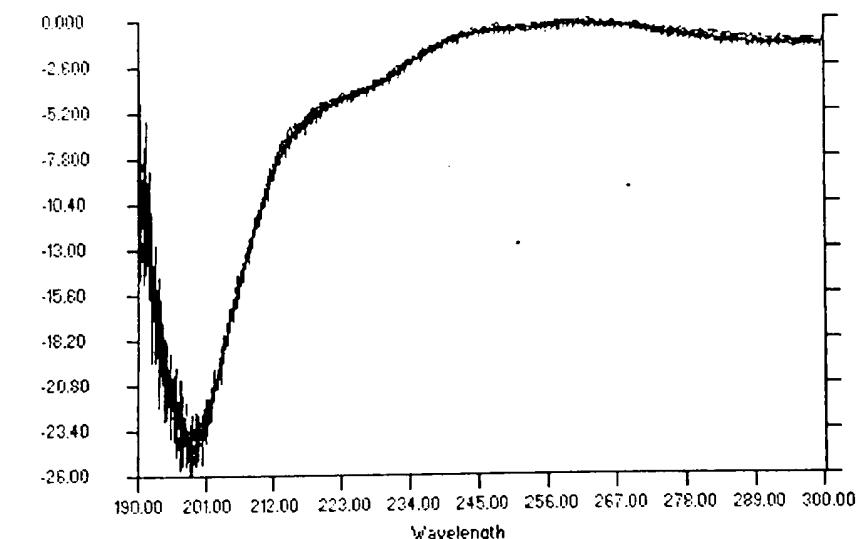
Sample

24.99 deg C

**RUN EXPERIMENT**

Experiment is IDLE

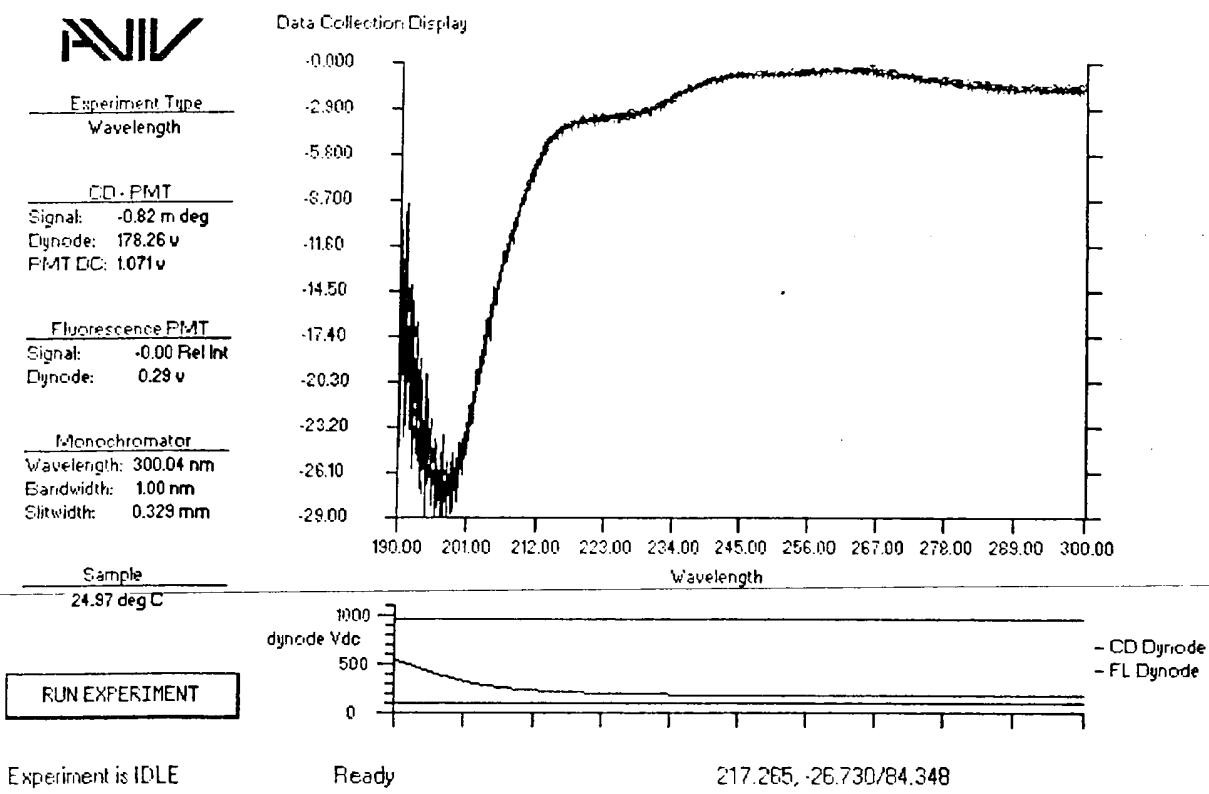
Data Collection Display



Ready

217.265, -24.078/85.217

**Figure 10 B**



**Figure 10 C**

**ANIV**

Experiment Type  
Wavelength

CD - PMT  
Signal: -0.76 m deg  
Dynode: 179.39 v  
PMT DC: 1071v

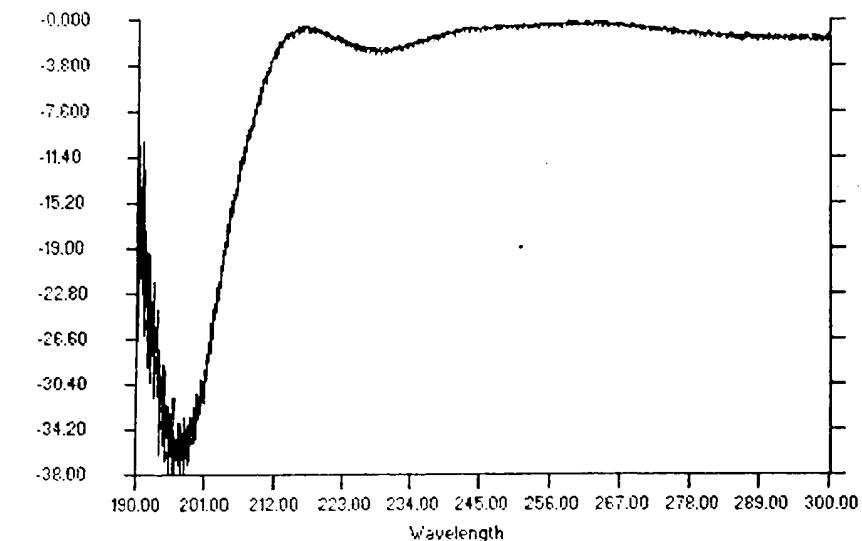
Fluorescence PMT  
Signal: -0.03 Rel Int  
Dynode: 0.11v

Monochromator  
Wavelength: 300.04 nm  
Bandwidth: 1.00 nm  
Slitwidth: 0.331 mm

Sample  
24.99 deg C

**RUN EXPERIMENT**

**Data Collection Display**



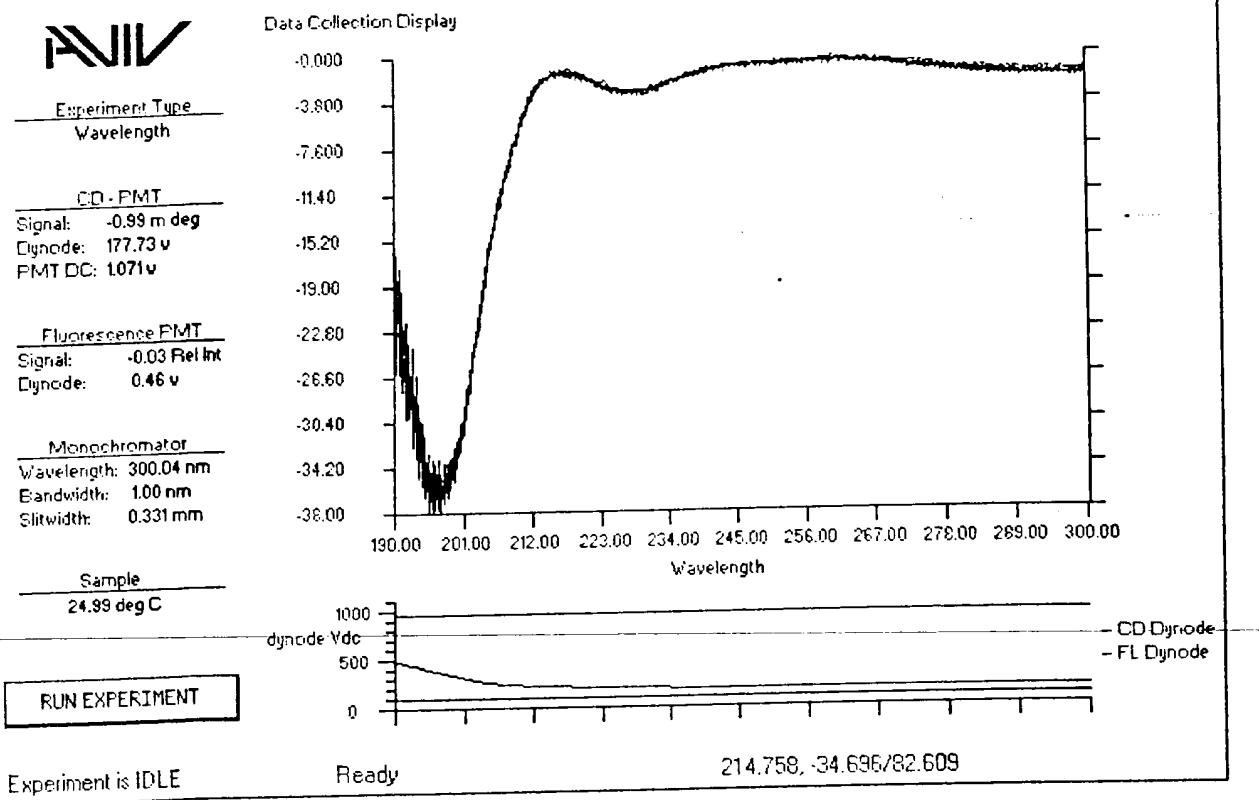
- CD Dynode  
- FL Dynode

Experiment is IDLE

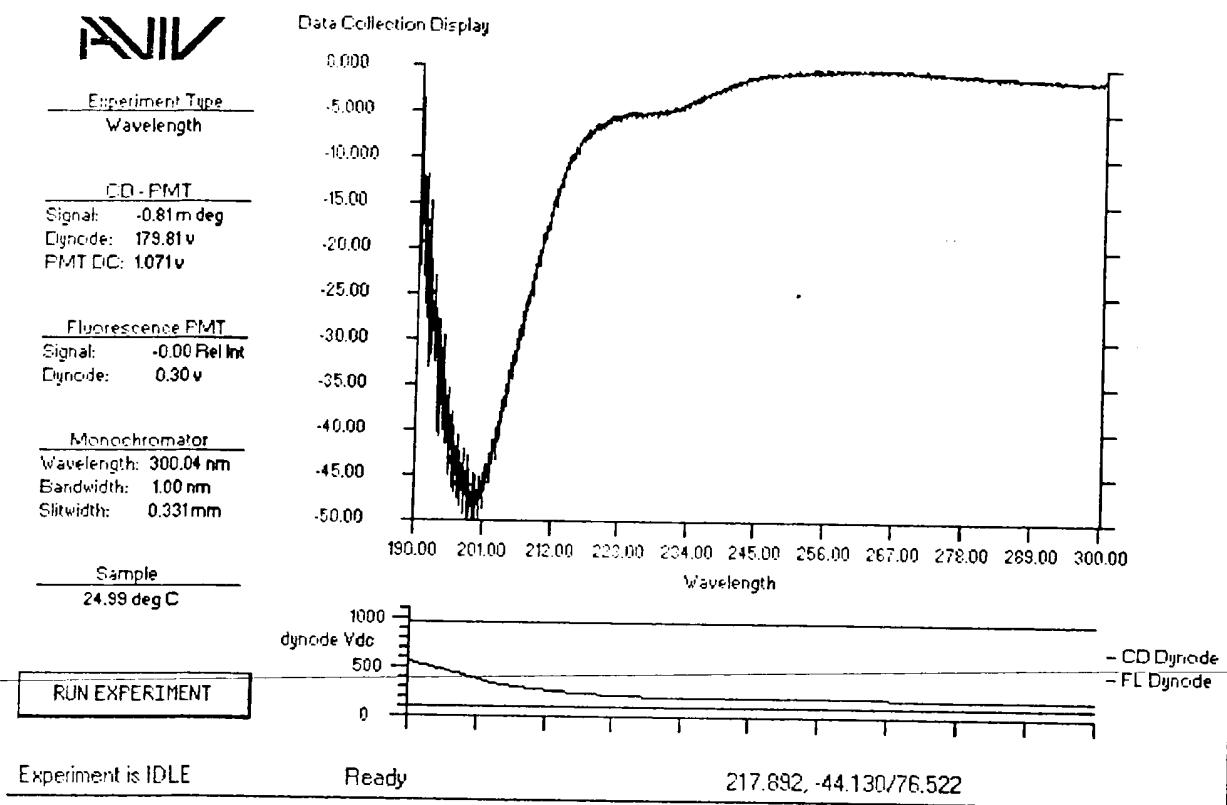
Ready

213.818, -35.357/86.087

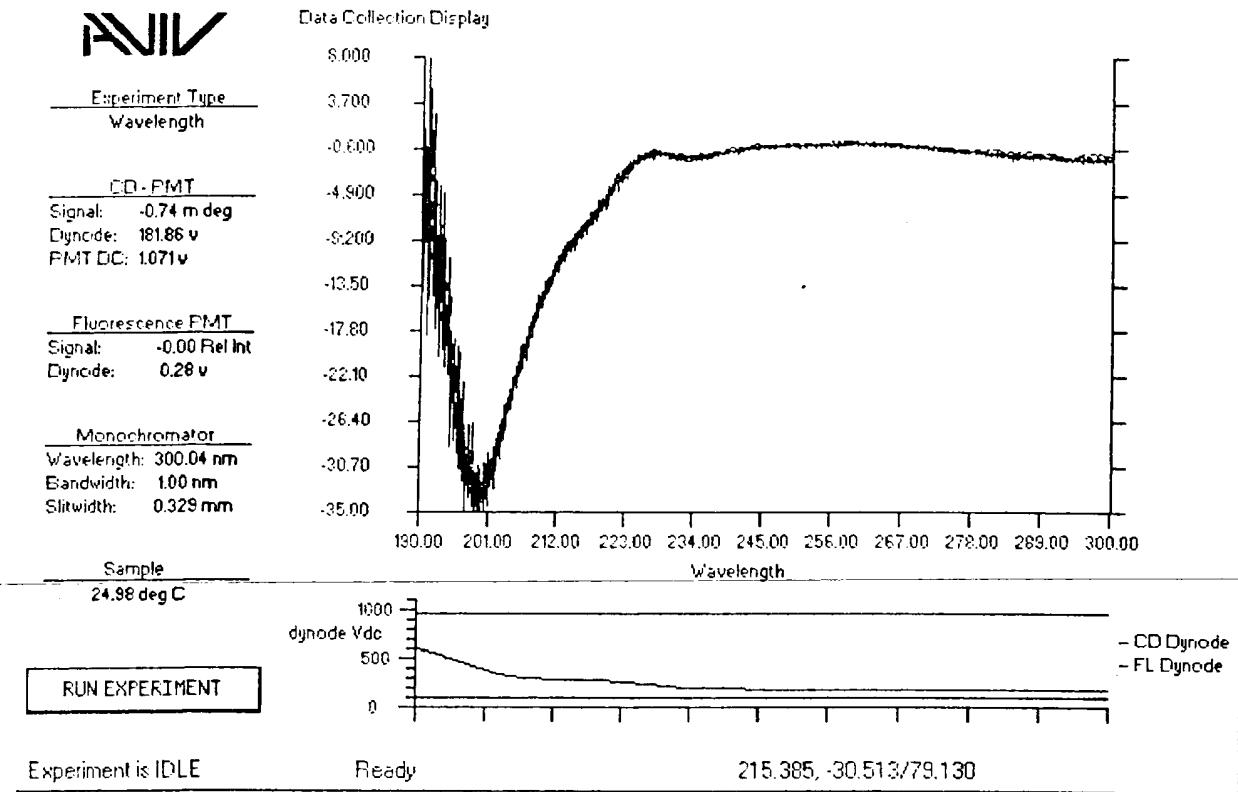
**Figure 10 D**



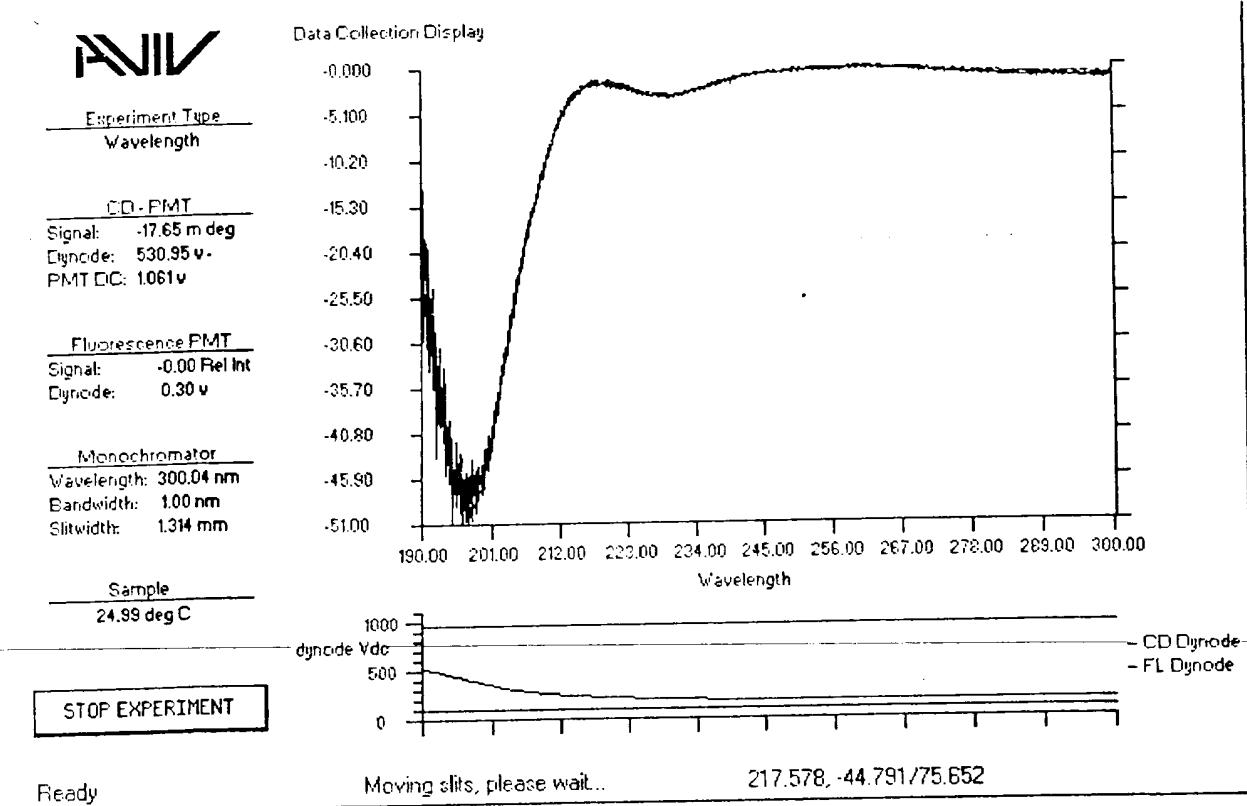
**Figure 10 E**



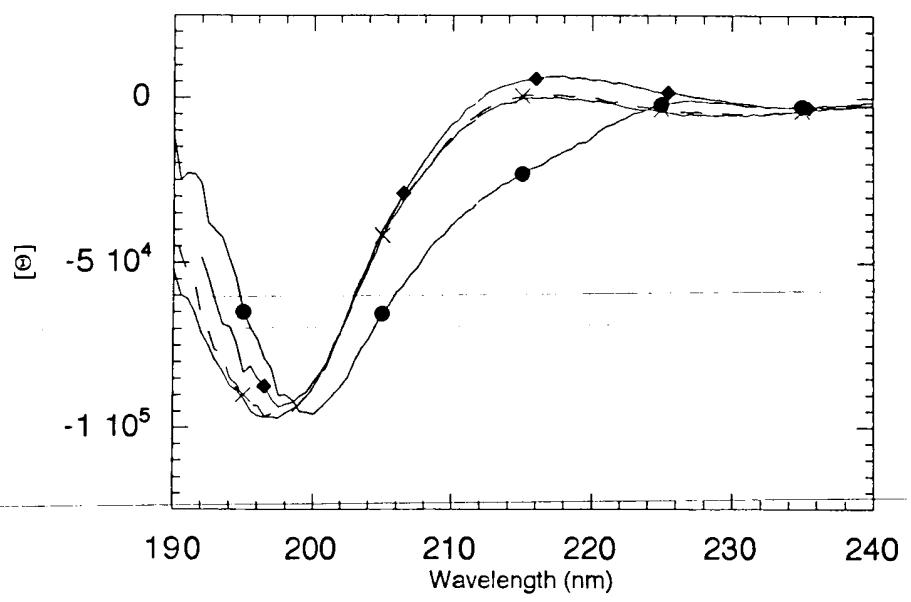
**Figure 10 F**



**Figure 10 G**



**Figure 10 H**



**Figure 11A**

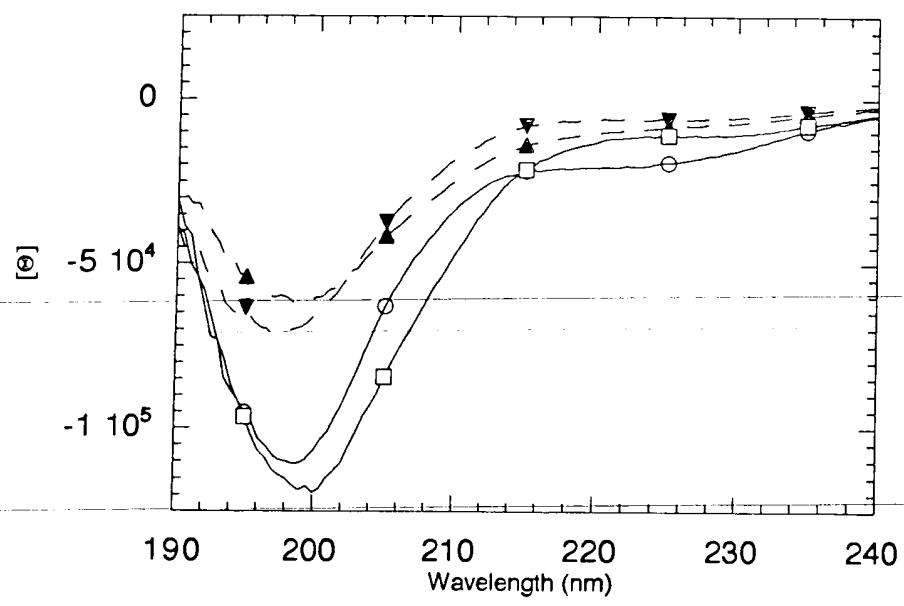


Figure 11B

Biotinylated

**Non-Biotinylated 100x Excess**

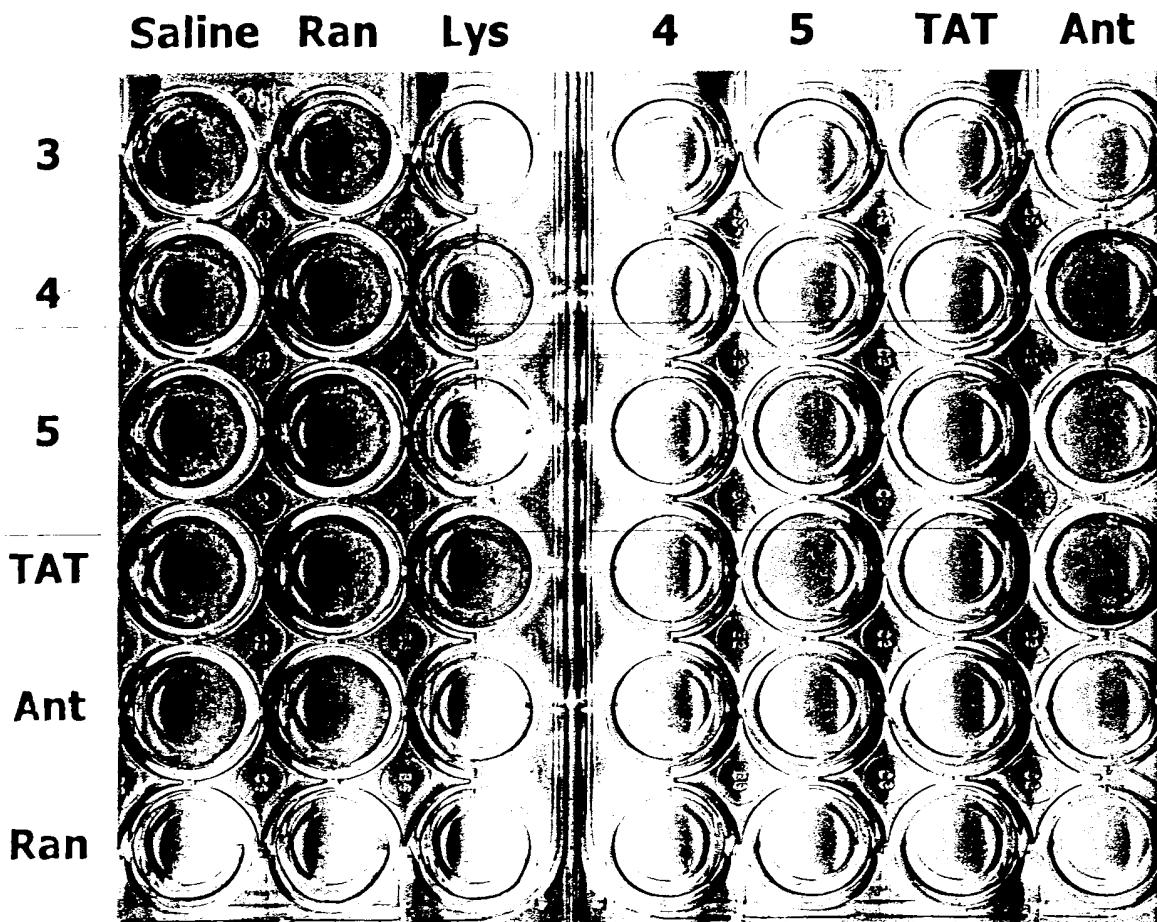


Figure 12

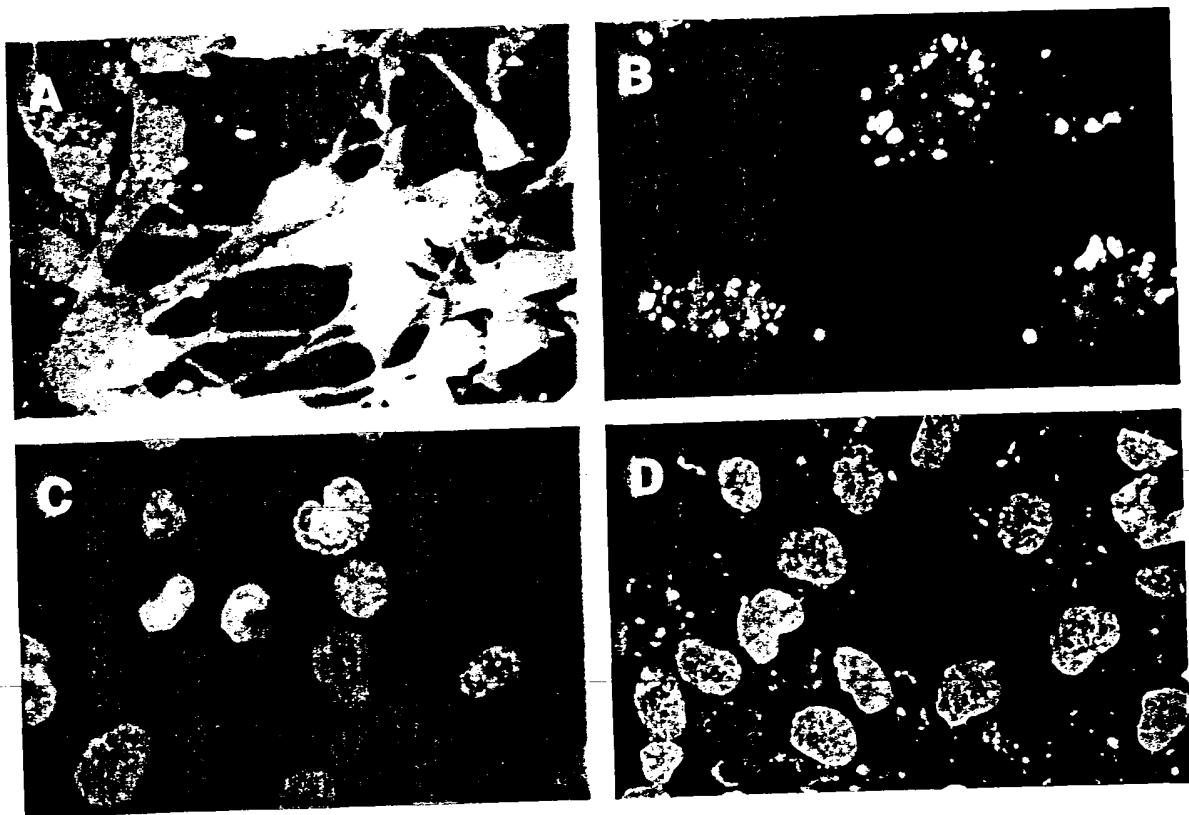


Figure 13

**CTP-5-(KLA<sub>KLAK</sub>)<sub>2</sub> Peptide Impairs Cell Viability in Hig 82 Cells**

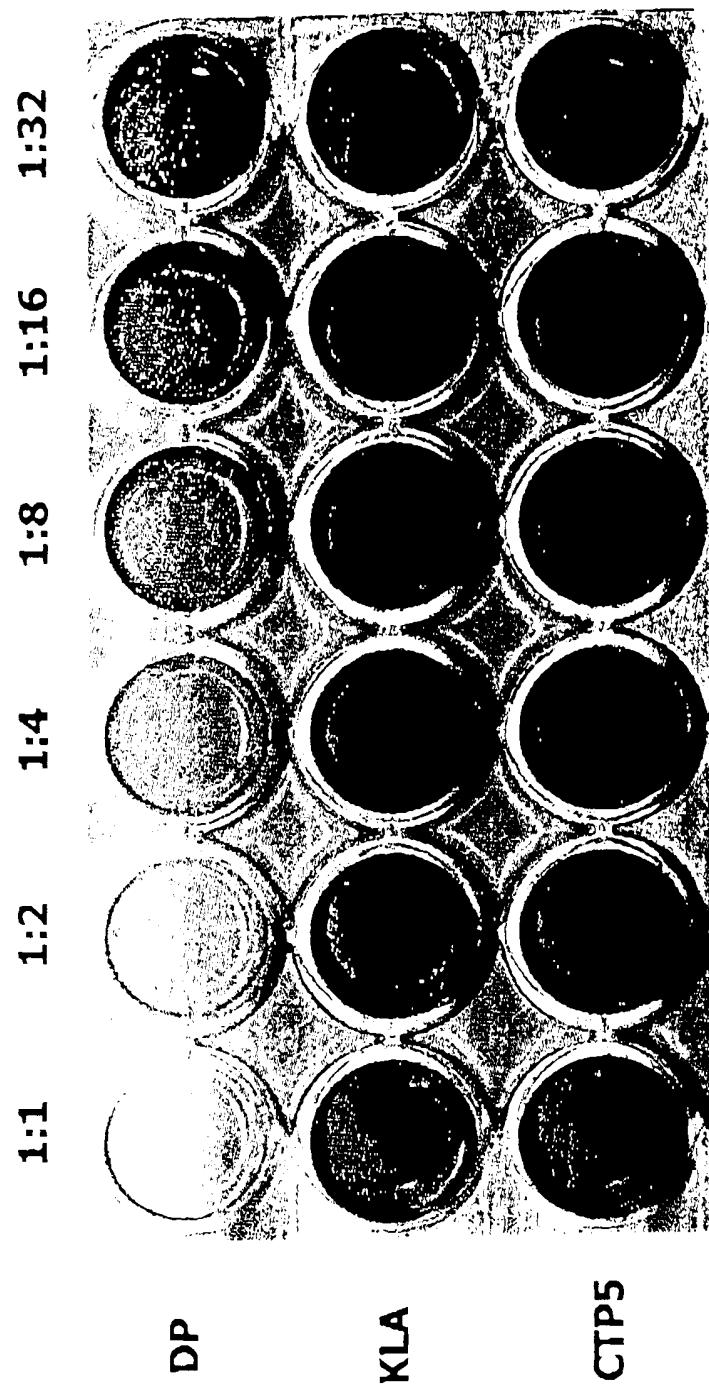


Figure 14

# CTP-5-(KLA)<sub>2</sub> Peptide Impairs Cell Viability in Hig 82 Cells

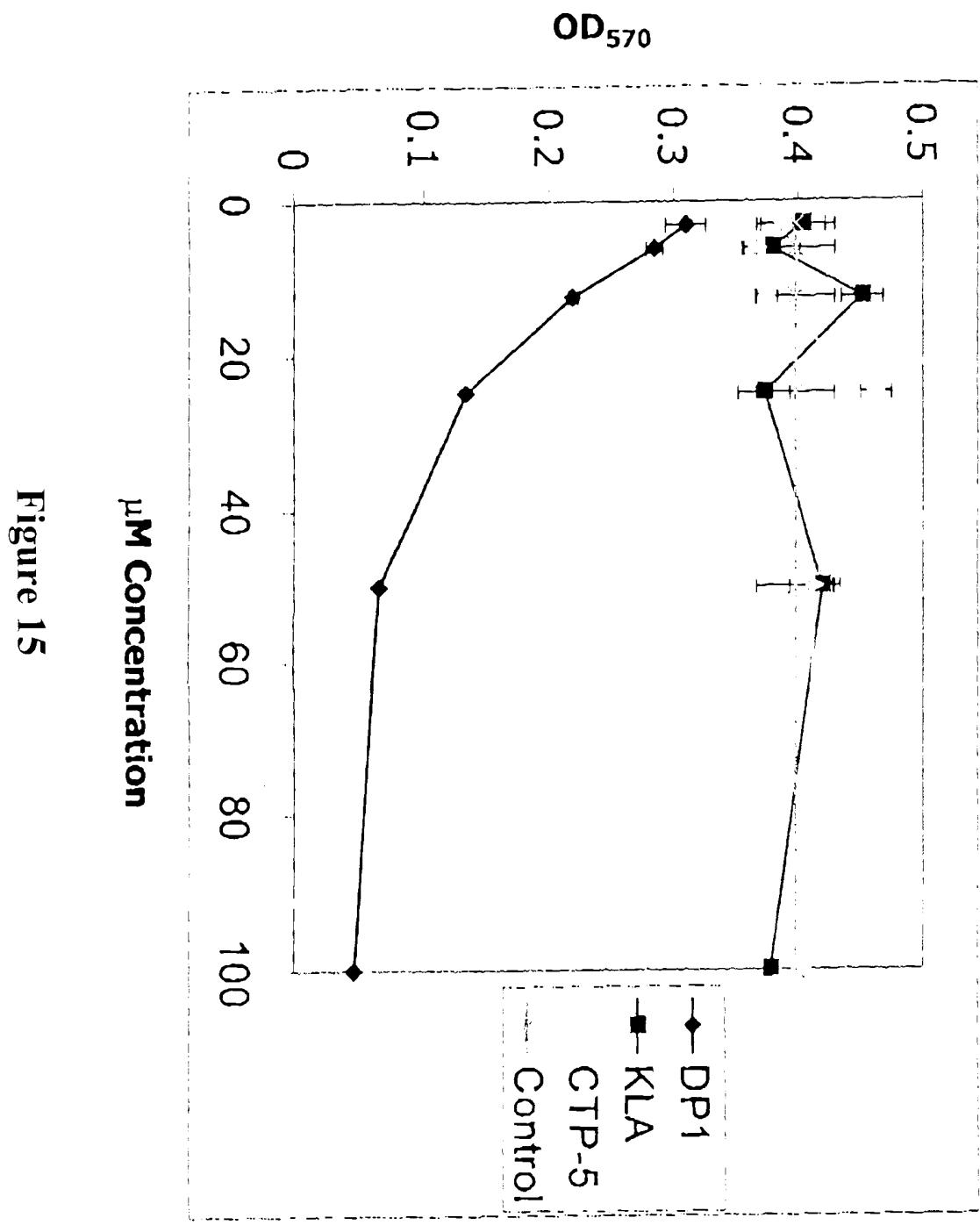


Figure 15

**Effect of CTP-5-(KLAKLAK)<sub>2</sub> Peptide  
Administration on Day 7 MCA205 Tumors**

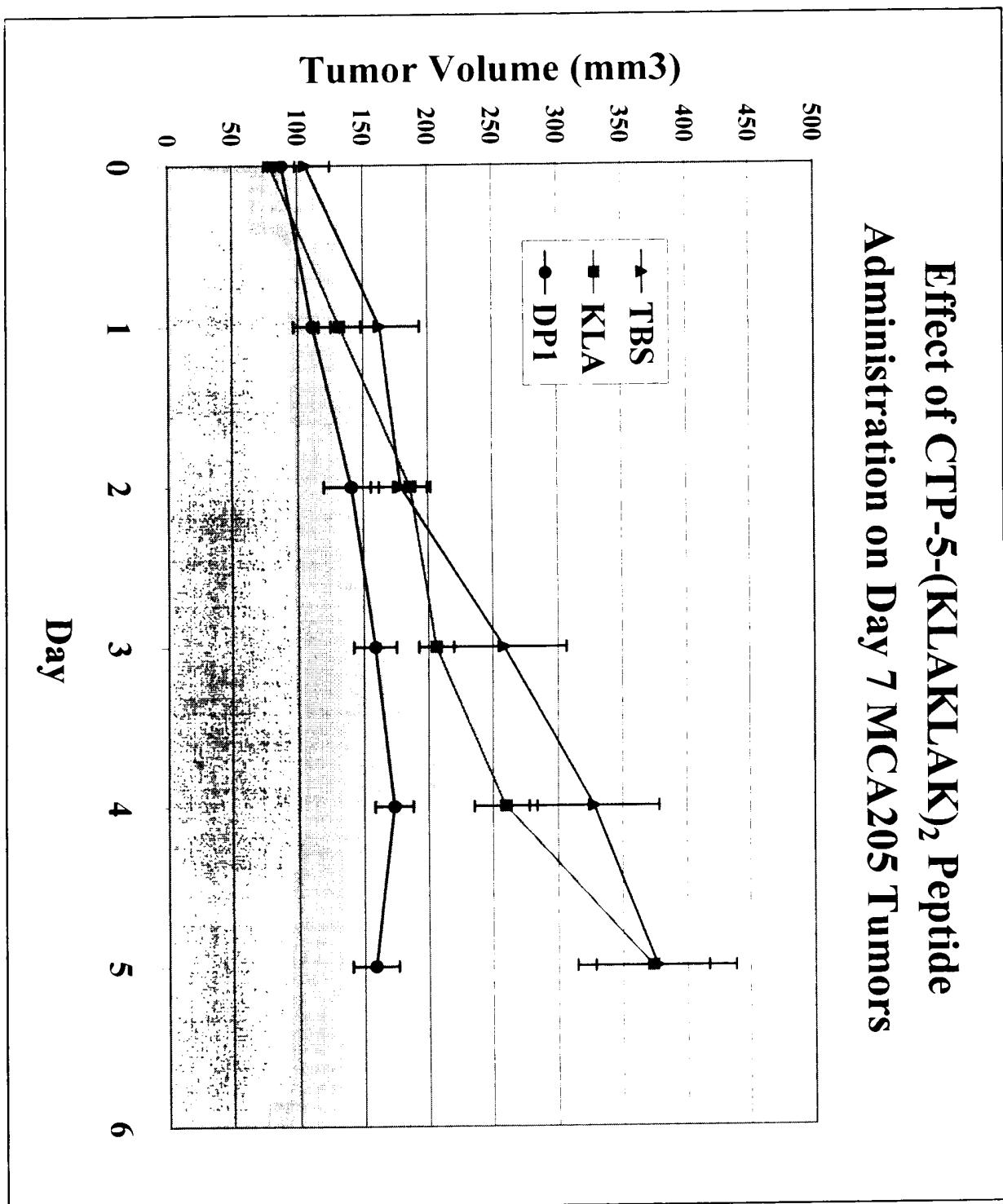
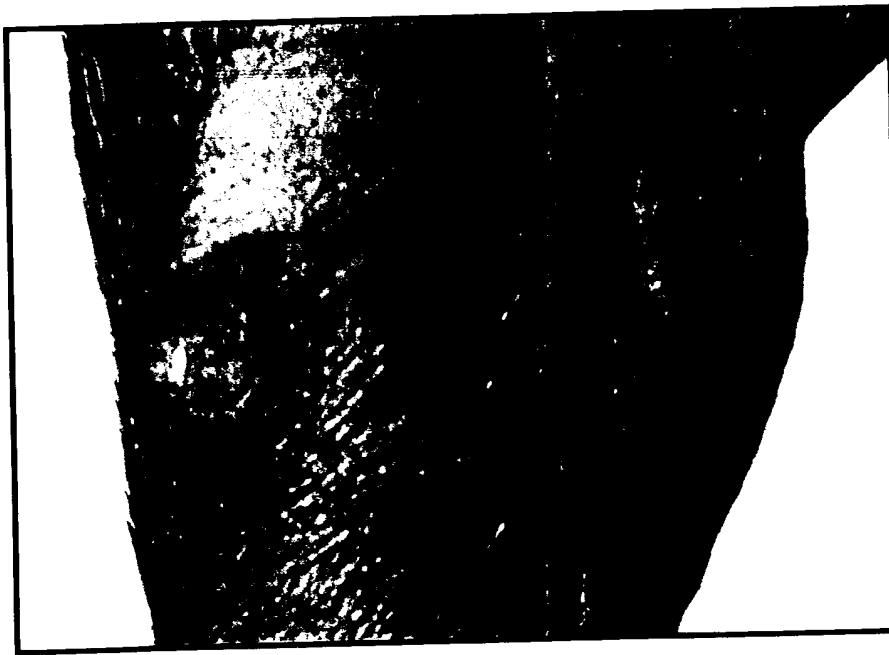


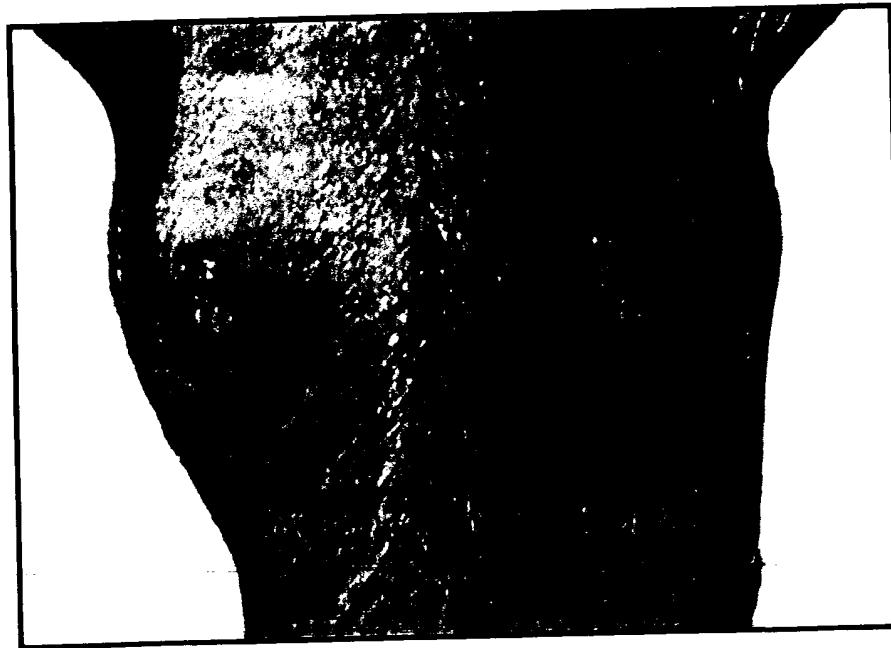
Figure 16A

Figure 16B

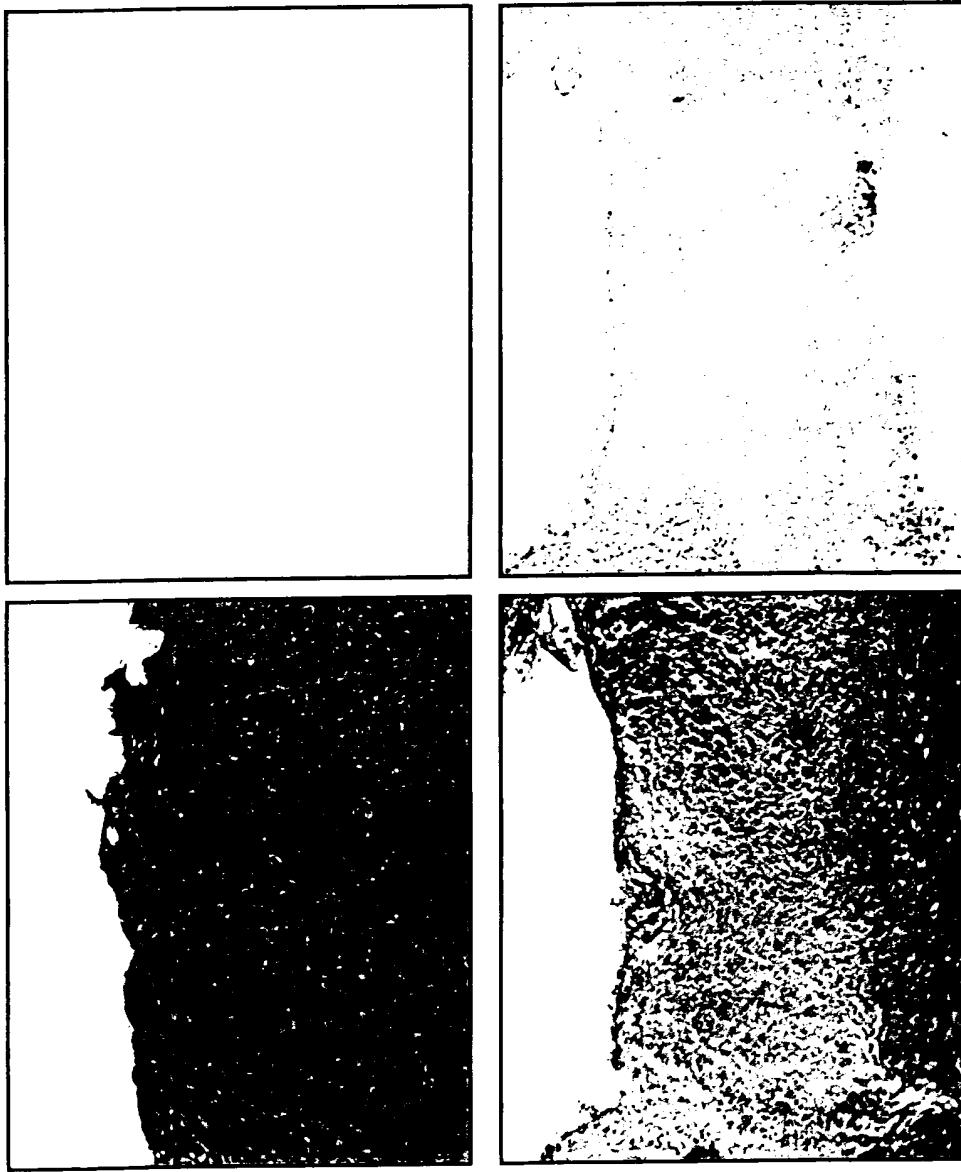
KLA



DP1



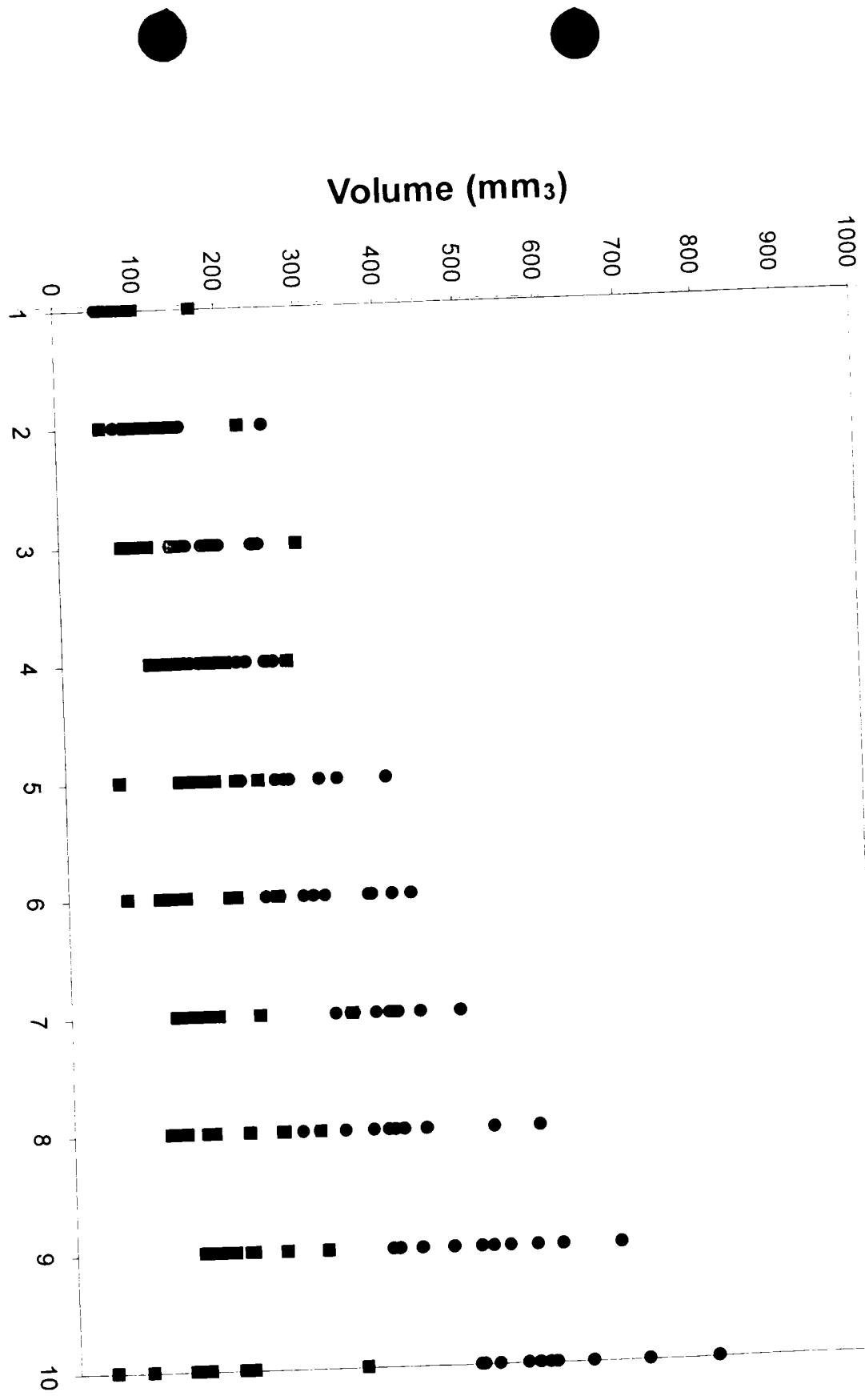
**Figure 16C**



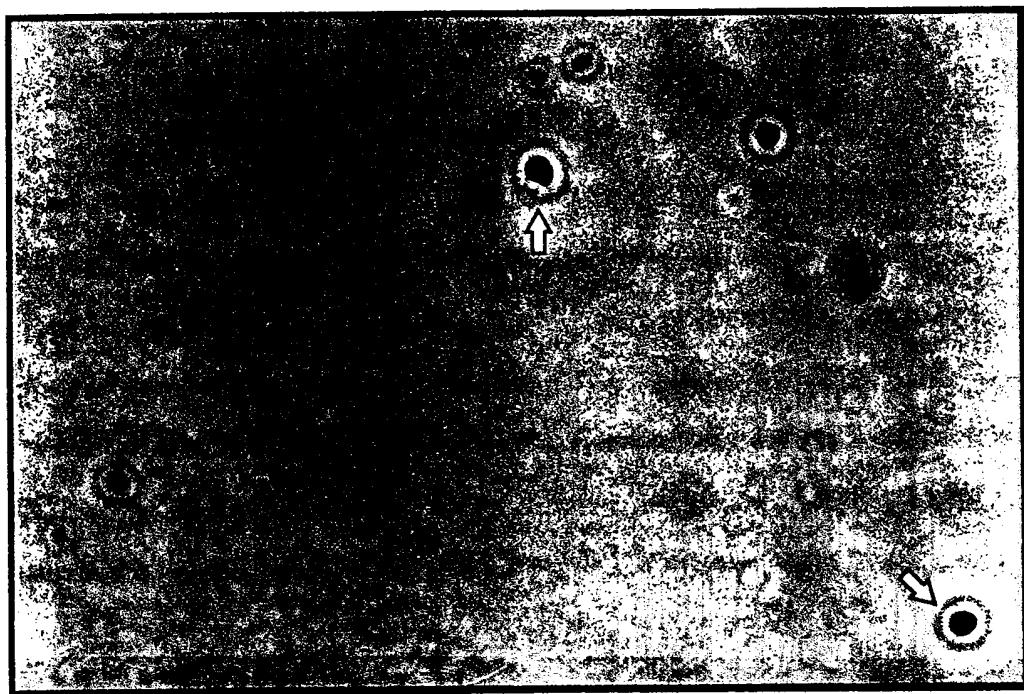
**KLA**

**DP1**

**Figure 16D**

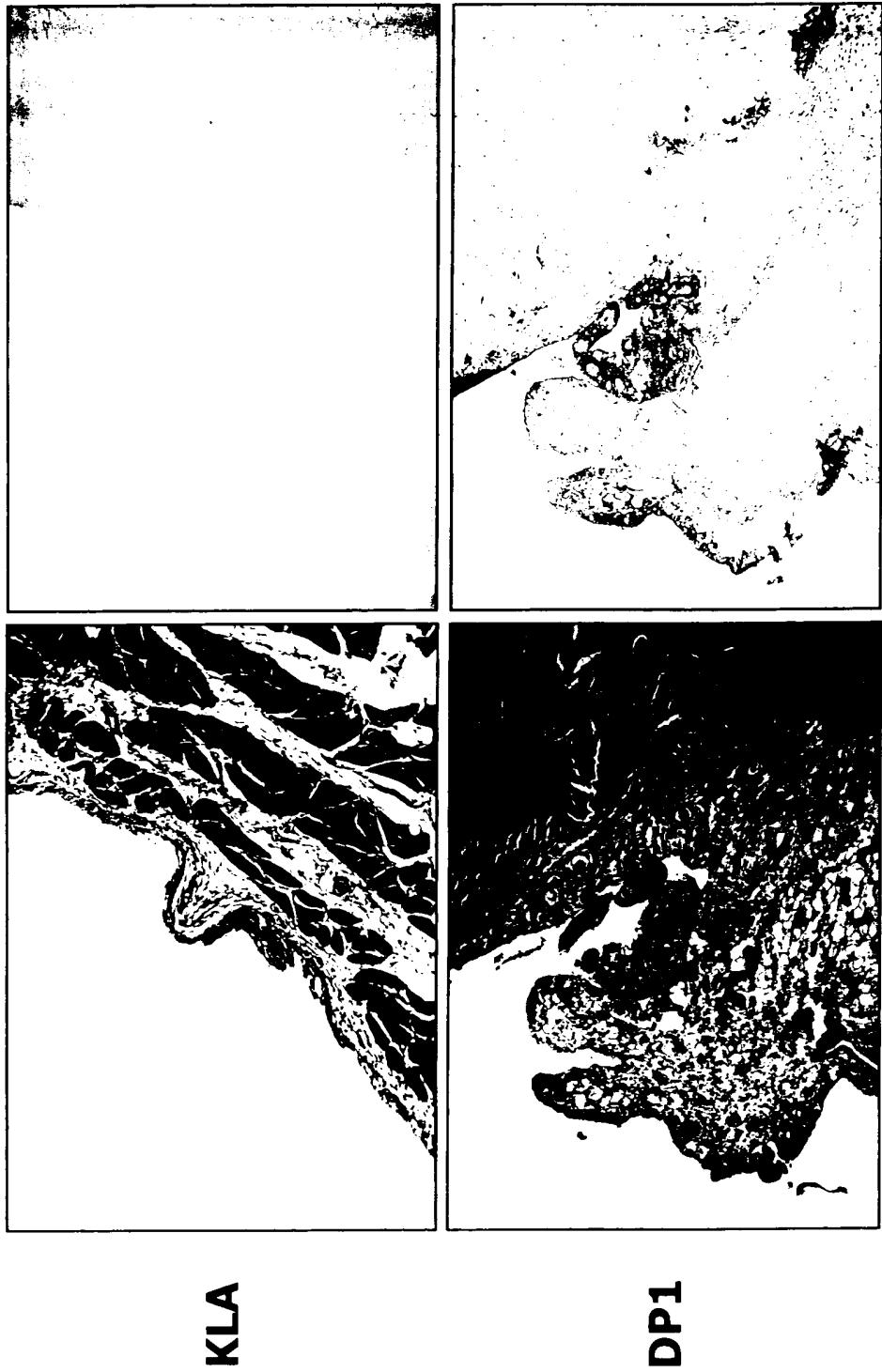


# **CD34<sup>+</sup>/LIN<sup>-</sup> Stem Cells Are Transduced by a CTP-5-Biotin/Avidin- $\beta$ -Galactosidase Complex**



**Figure 17**

Figure 18



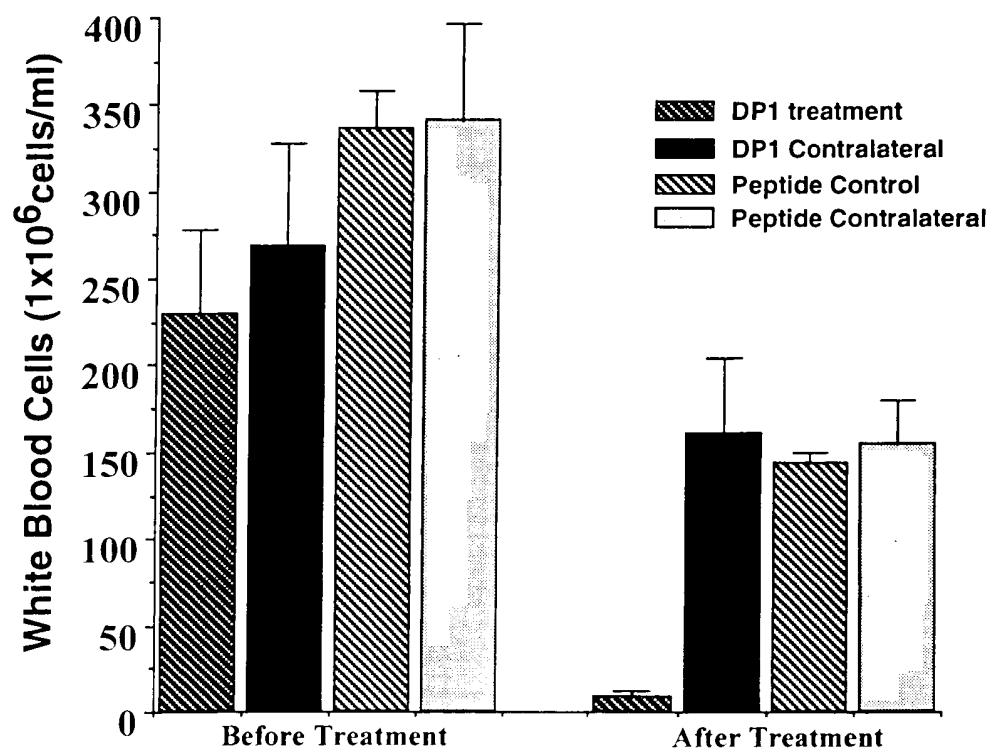
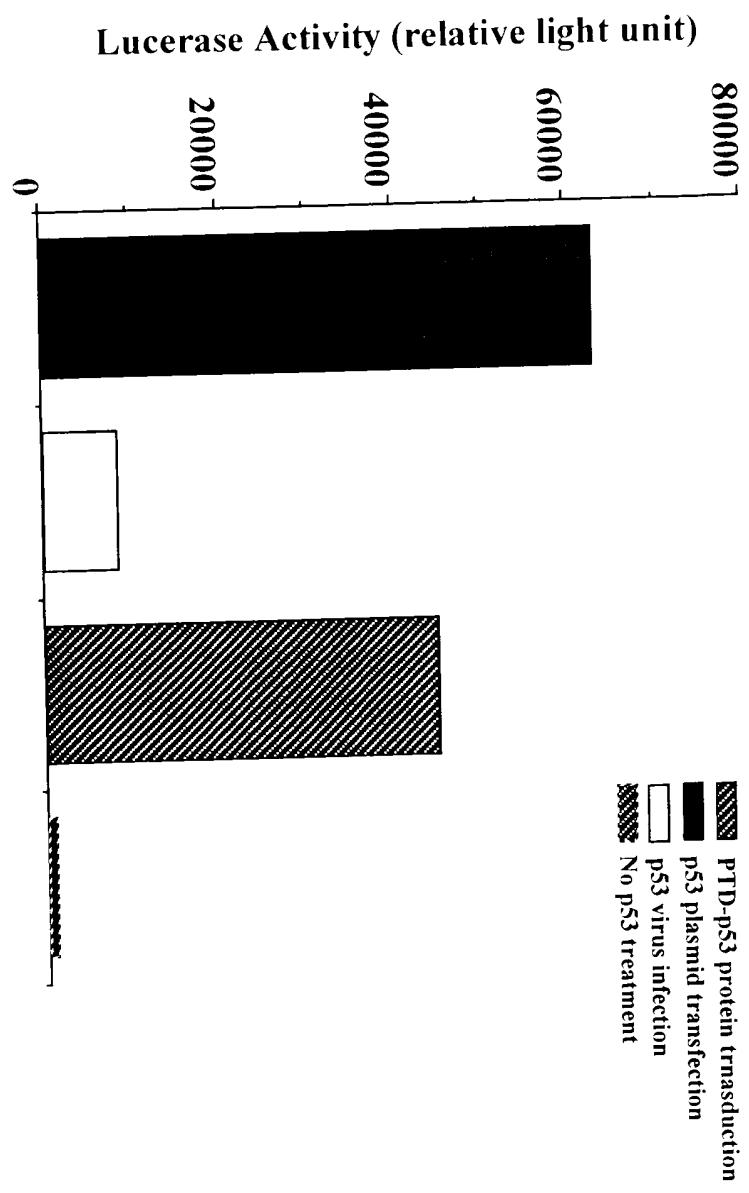
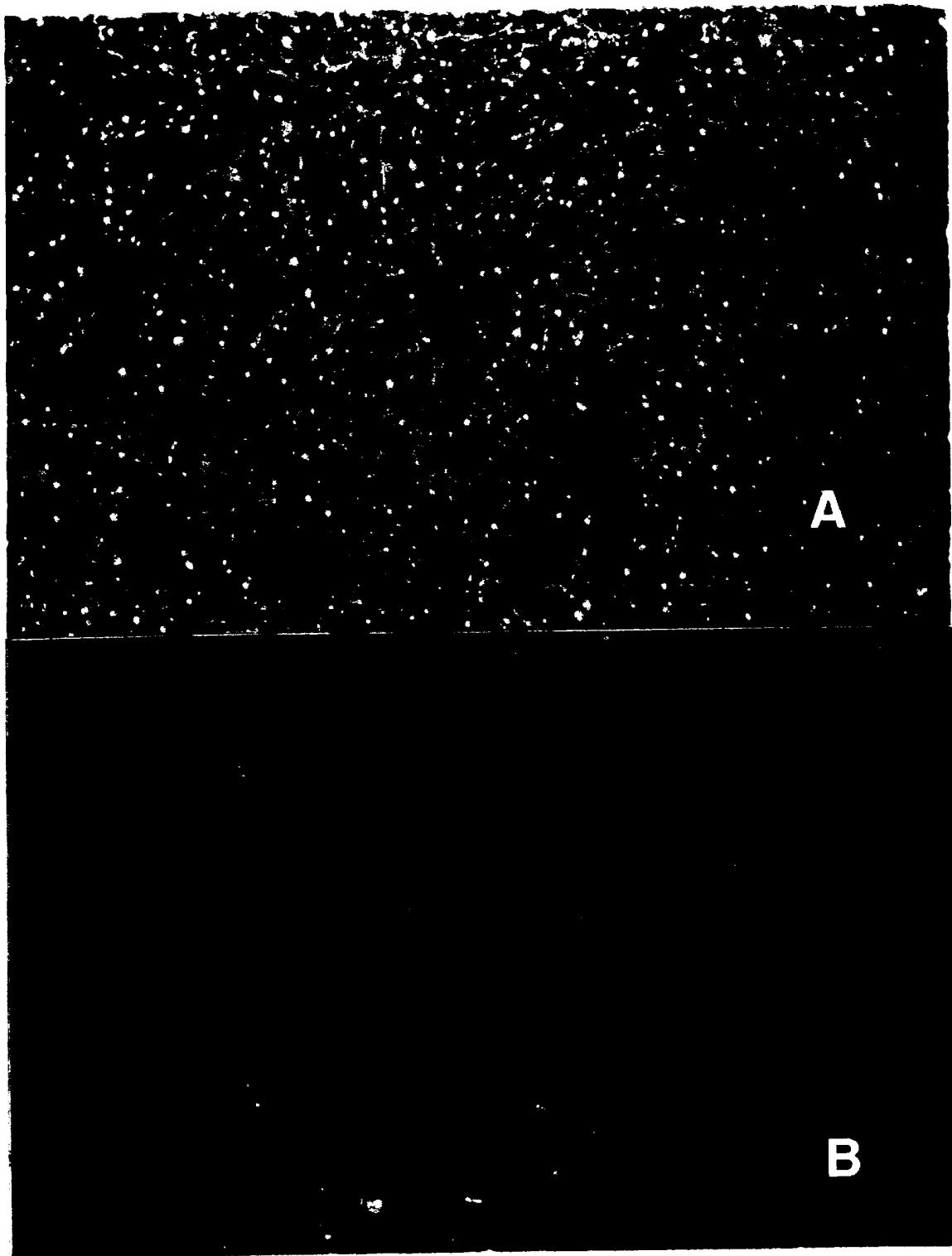


Figure 19

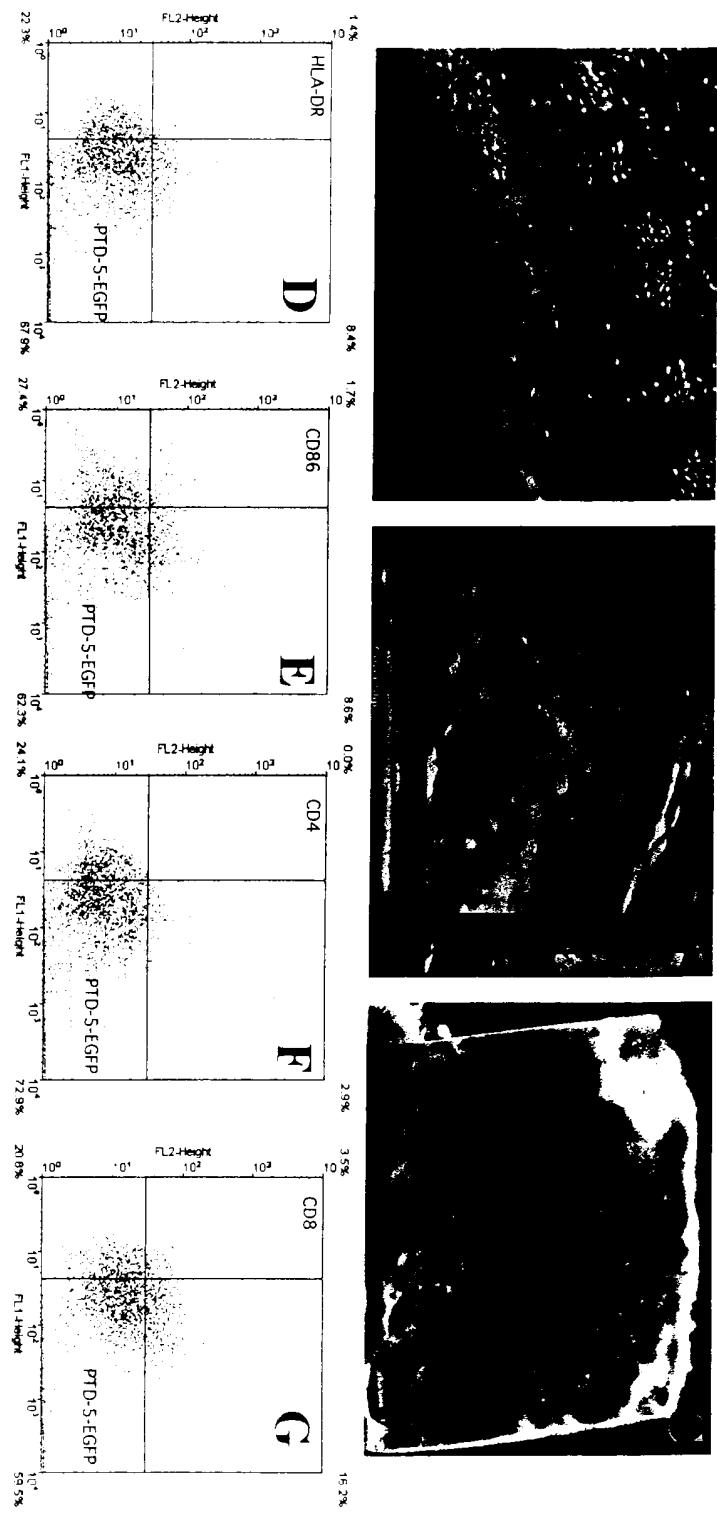
**Figure 20**



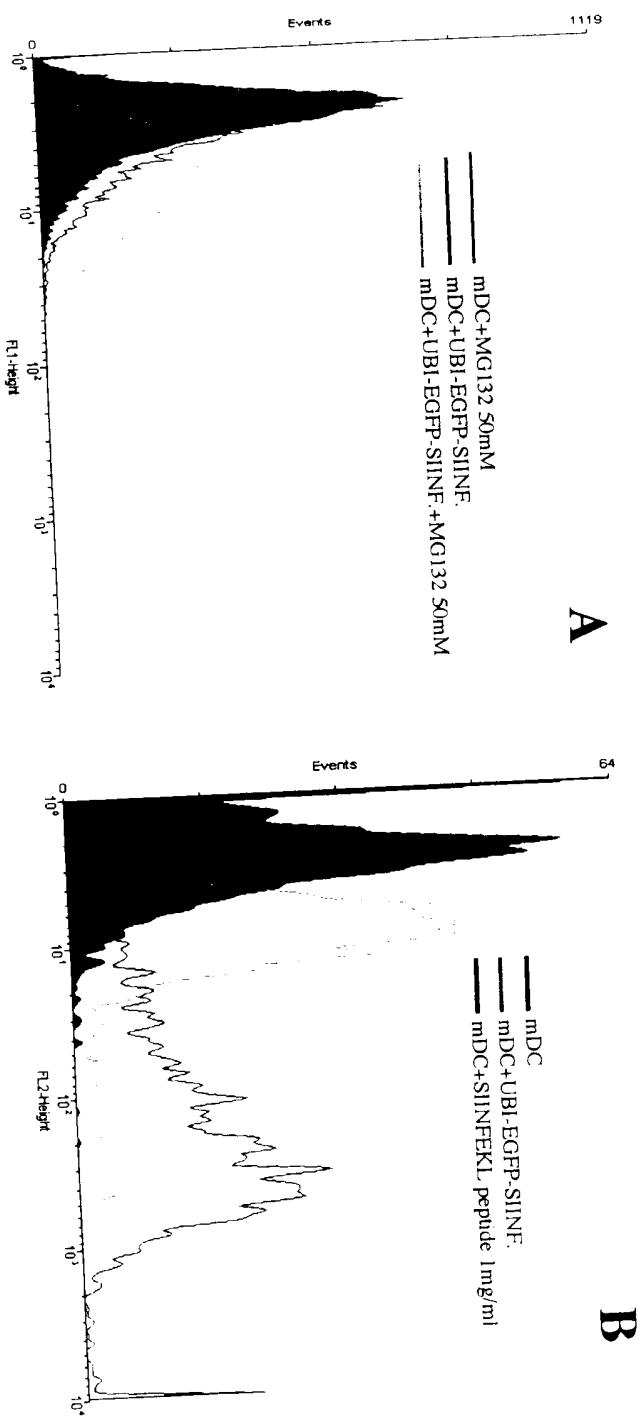


**Figure 21**

**Figure 22**



**Figure 23**



### 3Epi-EGFP

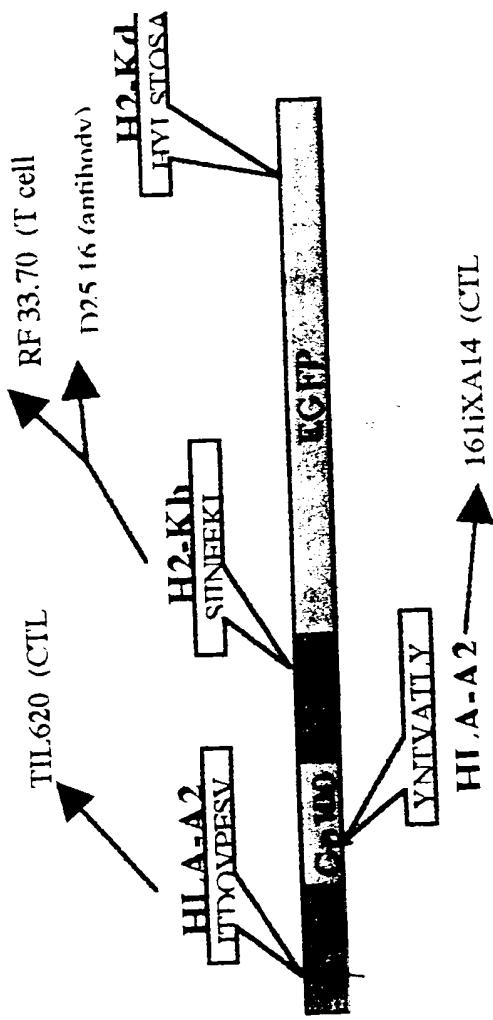


Figure 24